

**METHODS AND COMPOSITIONS IN TREATING PAIN AND PAINFUL  
DISORDERS USING 16386, 15402, 21165, 1423, 636, 12303, 21425, 27410, 38554,  
38555, 55063, 57145, 59914, 94921, 16852, 33260, 58573, 30911, 85913, 14303, 16816,  
17827 or 32620**

**Abstract of the Disclosure**

The present invention relates to methods for the diagnosis and treatment of pain or painful disorders. Specifically, the present invention identifies the differential expression of 16386, 15402, 21165, 1423, 636, 12303, 21425, 27410, 38554, 38555, 55063, 57145, 59914, 94921, 16852, 33260, 58573, 30911, 85913, 14303, 16816, 17827 and 32620 genes in tissues relating to pain sensation, relative to their expression in normal, or non-painful disease states, and/or in response to manipulations relevant to pain. The present invention describes methods for the diagnostic evaluation and prognosis of various pain disorders, and for the identification of subjects exhibiting a predisposition to such conditions. The invention also provides methods for identifying a compound capable of modulating pain or painful disorders. The present invention also provides methods for the identification and therapeutic use of compounds as treatments of pain and painful disorders.